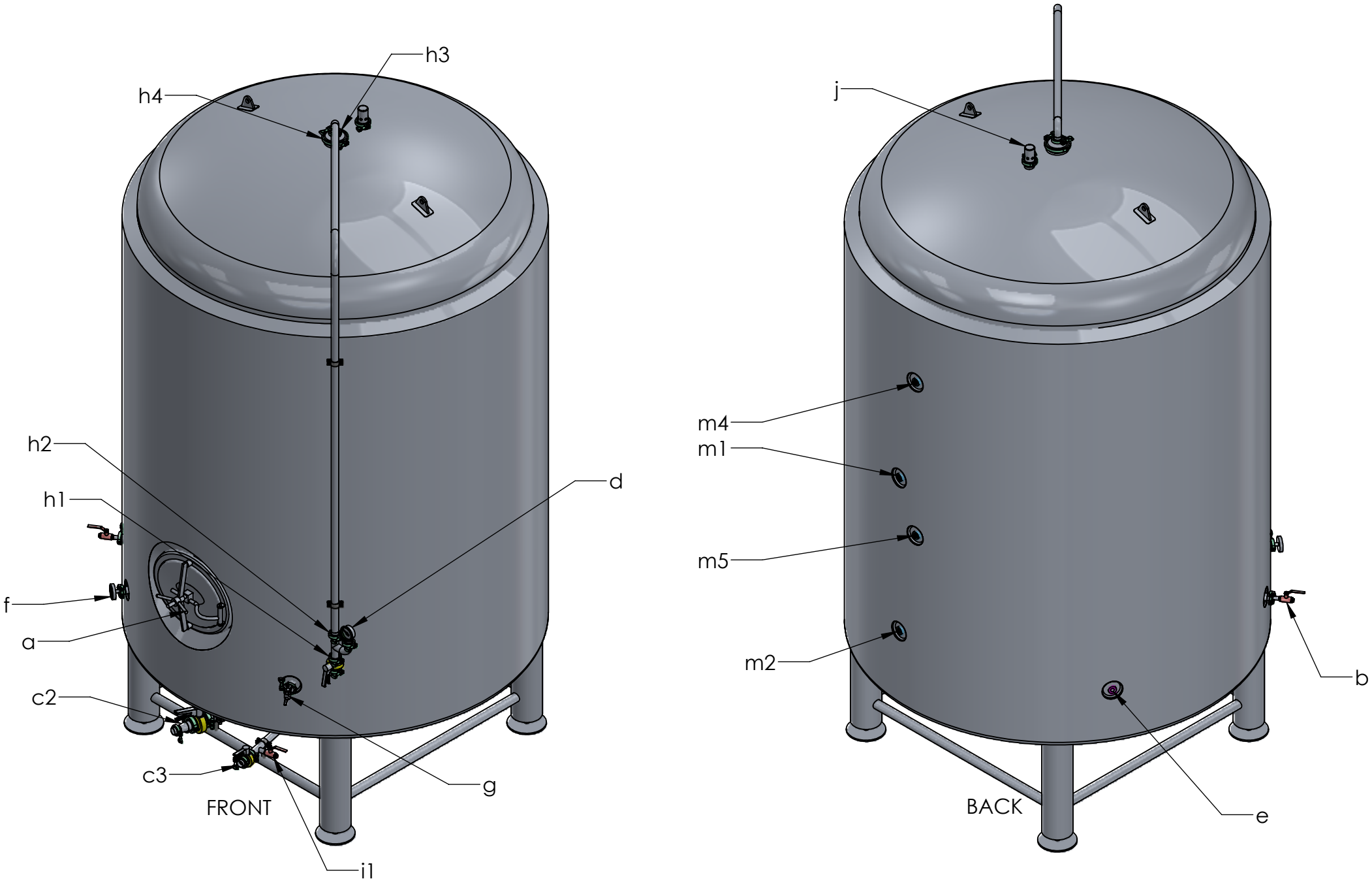


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
	Vessel	Jacket		Vessel	Jacket
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104	
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122	
Material	304		Material	304	
Gross Voume (gal)	2306.4 (74.4BBL)		Gross Voume (gal)	2306.4 (74.4BBL)	
Net Volume (gal)	1860 (60BBL)	29	Net Volume (gal)	1860 (60BBL)	29
Head Space	24%		Head Space	24%	
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5	
Heat Exchange Area (m²)	11.6		Heat Exchange Area (ft²)	124.9	
Insulation Material	PU		Insulation Material	PU	
Insulation Thickness (mm)	80		Insulation Thickness (in)	3.2	
Pressure Test (MPa)	0.2		Pressure Test (psi)	29	

Component Specifications						Dimensions			
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)	
a	Manhole	580x480	22.9x18.9				Total Height	3763	148.2
b	CO2 Inlet	38.1	1.5	Clamp			Minimum Height	3626	142.8
c1	Outlet	152.4	6	Clamp			Total Diameter	2360	92.9
c2	Drain Outlet	50.8	2	Clamp	2 Clamps, includes reducer to 1.5"		Tank Diameter	2160	85.1
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps		Ceiling Clearance	3745	147.4
d	Pressure Gauge	38.1	1.5	Clamp			Shipping Clearance		
e	Thermocouple Port		NPT ½"	Female Threaded					
f	Temp Gauge	38.1	1.5	Clamp			Gasket Count		
g	Sample Valve	38.1	1.5	Clamp			1.5"	11	
h1-3	CIP Assembly Clamps	38.1	1.5	Clamp	3 clamps		2"	3	
h4	CIP Converter Clamp	101.6	4	Clamp			4"	1	
h5	CIP Spray Ball	38.1	1.5	Clamp			6"	1	
i1-2	Level Ports	19	¾	Clamp	3 Clamps. Hose runs between ports (not included)				
j	Safety Valve	50.8	2	Clamp				kg	lbs
m1-3	Glycol In		NPT 1"	Female Threaded			Weight	1095	2414.1
m4-6	Glycol Out		NPT 1"	Female Threaded					



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	NAME	DATE
DRAWN	MJM	8/4/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		

COMMENTS:

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SIZE

TITLE:

REV

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SCALE: 1:25

SHEET 1 OF 1